



Panasonic Toughbook CF-29 Touchscreen Replacement

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INTRODUCTION

This guide will take you through the steps of removing the touchscreen.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [T6 Torx Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)



PARTS:

- [13.3" PC Laptop LCD LTD133ECKF](#) (1)

Step 1 — Battery



- Locate the bay door for the battery on the left side of the laptop.

Step 2



- Slide the latch to the right and then down to unlock it.
- Pull out the battery.

Step 3 — Touchscreen



- Remove the four hinge screws from the back of the computer.

Step 4



- Open the laptop and remove the four indicated screws with a Phillips size 0 screwdriver.
- Pry off the plastic strip which was previously held in place by the screws.

Step 5



- Remove the four hinge screws to allow the hinges to rotate up and move.

Step 6



- Remove 16 screws from the top of the closed laptop.
 - 12 Phillips size 1 screws
 - 2 Phillips size 0 screws
 - 2 Torx size 6 screws (T6)

Step 7



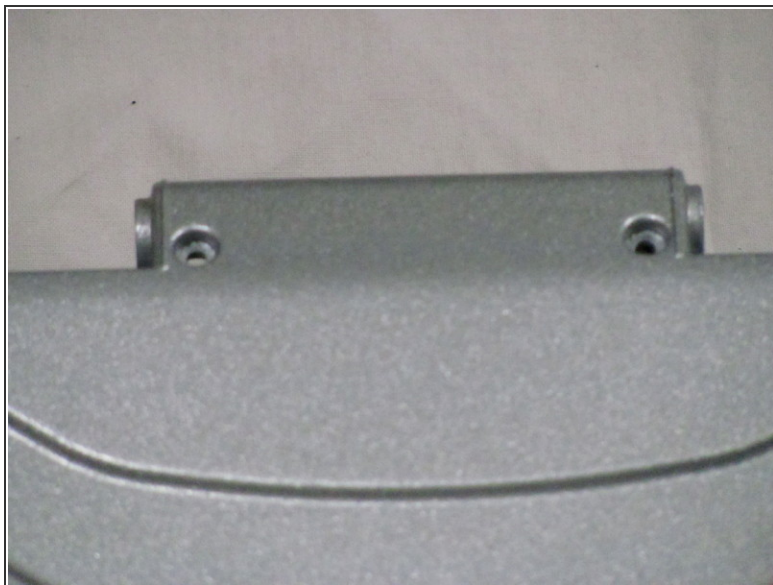
- Gently break the adhesive seal between the front and rear display cases with a plastic opening tool.
- ① You will need to reapply the silicon adhesive during reassembly to ensure watertight seal.

Step 8



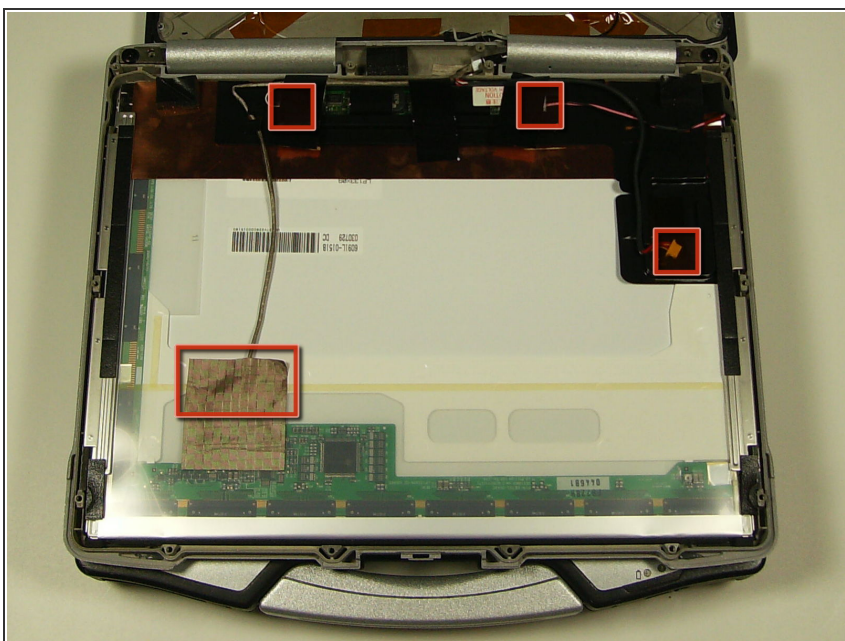
- Pull the top half of the casing up revealing the inside of the screen

Step 9



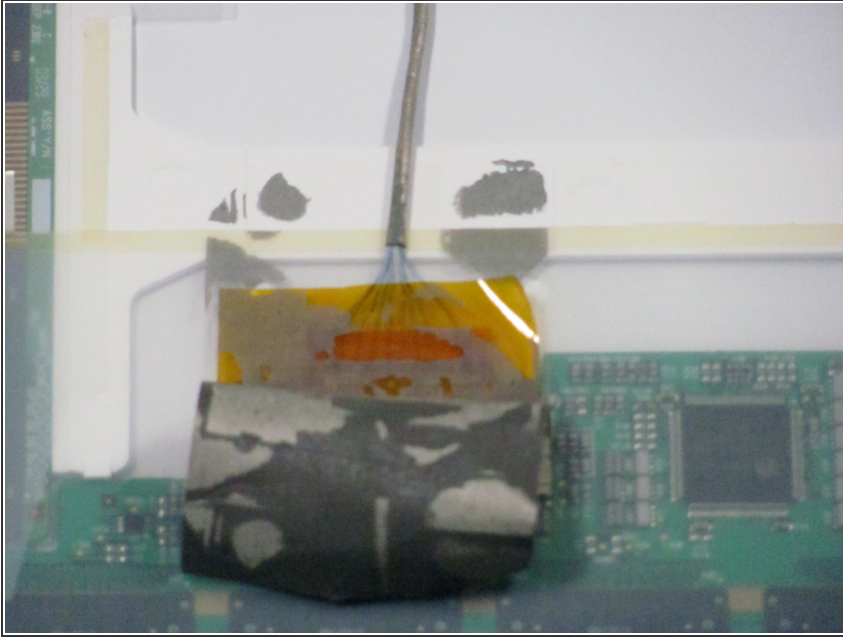
- The top half of the case can be removed by sliding the tabs out from under the hinges.
- This makes unplugging the screen wiring much easier

Step 10



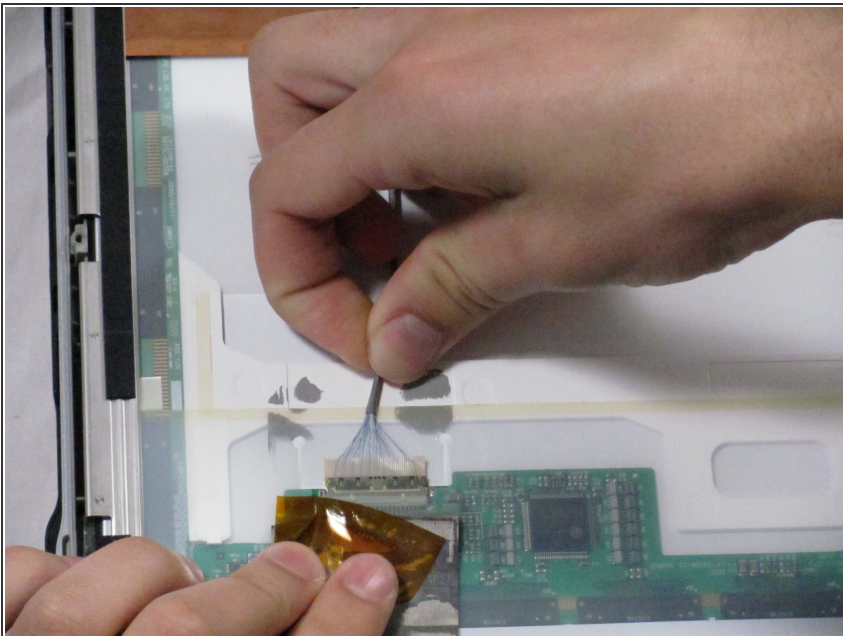
- There are 4 wires that need to be unplugged to remove the screen.

Step 11



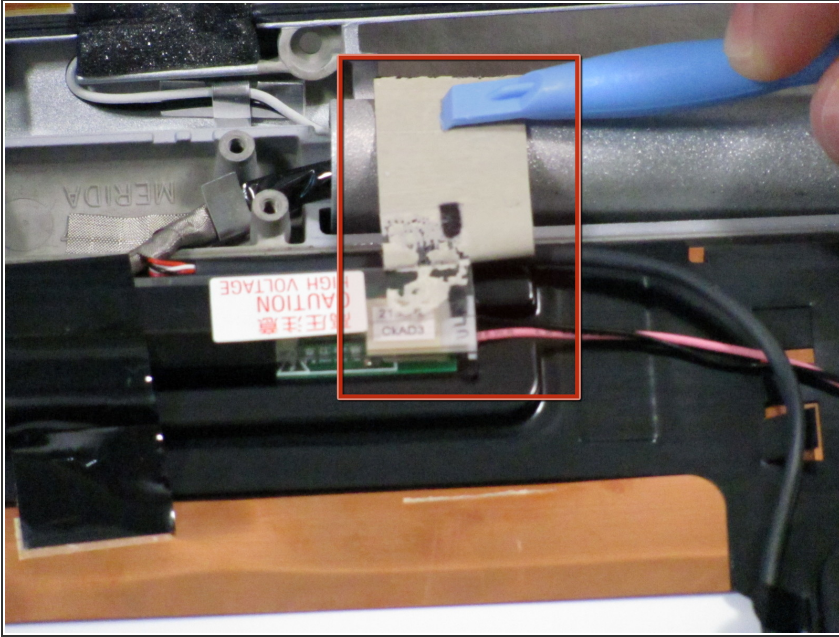
- For the first wire, peel back the silver cover tape to reveal the connection.

Step 12



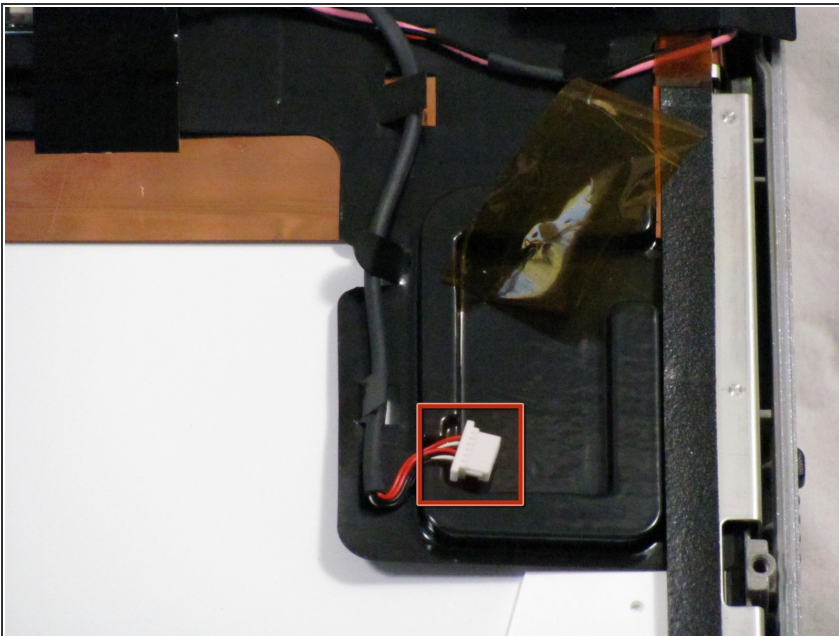
- Pull the wiring away from the connection to release it.

Step 13



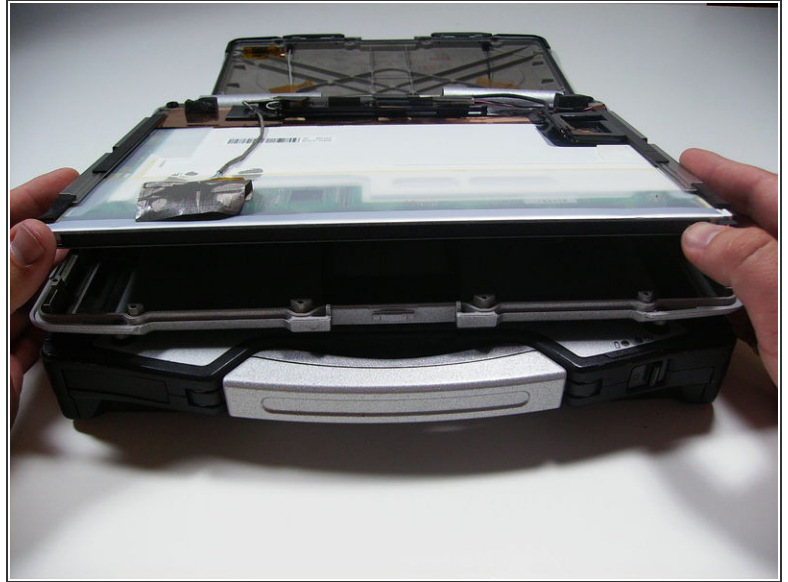
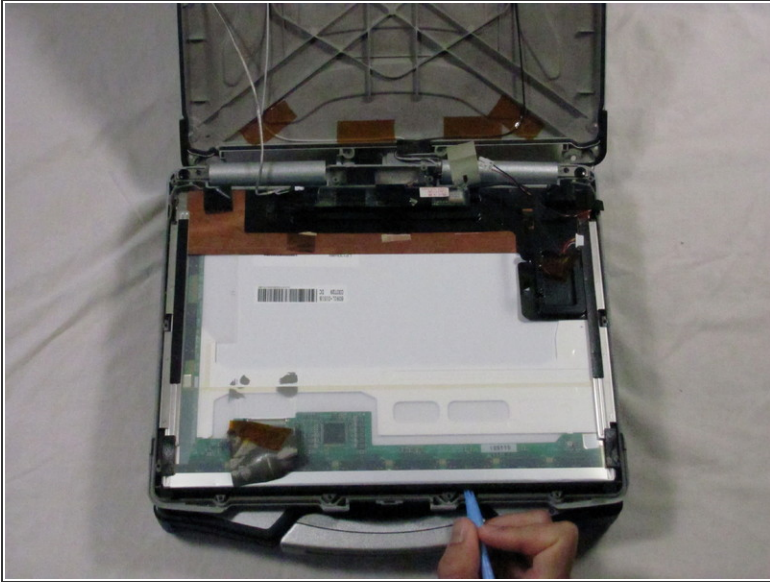
- Remove the 3 strips of black tape as shown to reveal connections 2 and 3.
- Pull the wiring for each away from the connections to remove.

Step 14



- The 4th connection is already visible.
- ⓘ Depending on your model it might not be plugged into anything. If it is, remove it the same way the other 3 connections were removed.

Step 15



- Using a plastic opening tool, lift the screen as shown from the case and pull free.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-22 07:21:10 AM.